

OZONE GENERATOR

ABSTRACT OF THE DISCLOSURE

An ozone generator comprises a pair of spaced
opposing electrodes, electrically conductive members
5 connecting the pair of electrodes to a high-voltage
alternating-current power source to generate an electric
discharge between the electrodes, a dielectric provided
between the opposing electrodes, and a gas flow passage for
effecting flow of a material gas defined by the surfaces of
10 the electrodes. At least one of the surfaces of the pair
of electrodes has a plurality of parallel grooves. The
material gas flows in a space between the plurality of
grooves and the dielectric, in a direction transverse to
the grooves.

0985102-062101